

Form PTO-1449

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**  
(Use several sheets if necessary)
Docket Number (Optional)  
IPT-061.01Application Number  
10/009,219Applicant  
DeWolfe et al.Filing Date  
November 7, 2001Group Art Unit  
1652**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>DIS</i>	BA 5,539,132	07.23.96	Royer et al.	X	X	
	BB 5,614,551	03.25.97	Dick et al.			
	BC 5,759,837	06.02.98	Kuhajda et al.			
	BD 5,965,402	10.12.99	Black et al.			
	BE 6,228,619	05.08.01	Foster et al.			
	BF 6,274,376	08.14.01	Black et al.			
	BG 6,380,370	04.30.02	Doucette-Stamm et al.			
	BH 6,403,337	06.11.02	Bailey et al.			
	BI 6,432,670	08.13.02	Payne et al.			
	BJ US 2002/0076766	06.20.02	Black et al.			
<i>DIS</i>	BK 6,593,114	07.15.03	Kunsch et al.			

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
<i>DIS</i>	CA DE 26 20 777	12.01.77	Germany	X	X		<i>X</i>
<i>DIS</i>	CB JP 10-174590	06.30.98	Japan				<i>X</i>
<i>DIS</i>	CC 0 826 774 A2	04.03.98	EPO				
<i>DIS</i>	CD 0 78 6519 A2	07.30.97	EPO				
<i>DIS</i>	CE WO 97/30070	08.21.97	PCT				
<i>DIS</i>	CF WO 97/30149	08.21.97	PCT				

**OTHER DOCUMENTS**

(Including Author, Title, Date, Pertinent Pages Etc.)

<i>DIS</i>	FA	Bergler et al., "Protein EnvM is the NADH-dependent Enoyl-ACP Reductase (FabI) of <i>Escherichia coli</i> ", <i>The Journal of Biological Chemistry</i> , Vol. 269, No. 8, pp 5493-5496 (1994).
<i>DIS</i>	FB	Bergler et al., "Sequences of the <i>envM</i> gene and of two mutated alleles in <i>Escherichia coli</i> ", <i>Journal of General Microbiology</i> (1992), 138, pp. 2093-2100.
<i>DIS</i>	FC	Broadwater et al., "Spinach Holo-Acyl Carrier Protein: Overproduction and Phosphopantetheinylation in <i>Escherichia coli</i> BL21(DE3), <i>in Vitro</i> Acylation, and Enzymatic Desaturation of Histidine-Tagged Isoform I", <i>Protein Expression and Purification</i> 15, 314-326 (1999).

EXAMINER

DATE CONSIDERED

*12-22-03*

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<i>DIS</i>	CG	WO 00/70017	11.23.00	PCT			
<i>DIS</i>	CH	WO 01/30988	05.03.01	PCT			
<i>DIS</i>	CI	WO 01/48248	07.05.01	PCT			
<i>DIS</i>	CJ	WO 02/31128	04.18.02	PCT			

**OTHER DOCUMENTS**

(Including Author, Title, Date, Pertinent Pages Etc.)

<i>DIS</i>	FD	Edwards, et al., "Cloning of the <i>fabF</i> gene in an expression vector and in vitro characterization of recombinant <i>fabF</i> and <i>fabB</i> encoded enzymes from <i>Escherichia coli</i> ", <i>FEBS Letters</i> , 402:62-66 (1997).					
<i>DIS</i>	FE	Grassberger et al., "Preparation and Antibacterial Activities of New 1,2,3-Diazaborine Derivatives and Analogues", <i>Journal of Medicinal Chemistry</i> , 1984, Vol. 24, No. 8, pp. 947-953.					
<i>DIS</i>	FF	Gronowitz et al., "Antibacterial borazaro derivatives", <i>Acta Pharm. Suecica</i> 8, pp. 377-390 (1971).					
<i>DIS</i>	FG	Heath et al., "Enoyl-Acyl Carrier Protein Reductase ( <i>fabI</i> ) Plays a Determinant Role in Completing Cycles of Fatty Acid Elongation in <i>Escherichia coli</i> ", <i>The Journal of Biological Chemistry</i> , Vol. 270, No. 44, pp. 26538-26542 (1995).					
<i>DIS</i>	FH	Heath et al., "Regulation of Fatty Acid Elongation and Initiation by Acyl-Acyl Carrier Protein in <i>Escherichia coli</i> ", <i>The Journal of Biological Chemistry</i> , Vol. 271, No. 4, pp 1833-1836 (1996).					
<i>DIS</i>	FI	Lam et al., "Effect of diazaborine derivative (Sa 84.474) on the virulence of <i>Escherichia coli</i> ", <i>Journal of Antimicrobial Chemotherapy</i> (1987) 20, pp. 37-45.					
<i>DIS</i>	FJ	Lambalot, et al., "Cloning, Over production, and Characterization of the <i>Escherichia coli</i> Holo-acyl Carrier Protein Synthase*", <i>The Journal of Biological Chemistry</i> , Vol. 270, No. 42, pp. 24658-24661 (1995).					
<i>DIS</i>	FK *	Ngo et al., "Computational complexity, protein structure prediction, and the Levinthal paradox", Chapter 14 in 'The Protein Folding Problem and Tertiary Structure Prediction', Merz et al. (eds.), Birkhauser: Boston, MA, pp. 433 & 492-495, 1994					
<i>DIS</i>	FL	Rock et al., "Preparative Enzymatic Synthesis and Hydrophobic Chromatography of Acyl-Acyl Carrier Protein", <i>The Journal of Biological Chemistry</i> , 254(15): 7123-7128 (1979).					

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**OTHER DOCUMENTS***(Including Author, Title, Date, Pertinent Pages Etc.)*

<i>DS</i>	FM	Rock et al., "Acyl Carrier Protein from <i>Escherichia coli</i> ", <i>Methods in Enzymology</i> , 71:341-351 (1981).					
<i>DS</i>	FN	Roujeinkova et al., "Inhibitor Binding Studies on Enoyl Reductase Reveal Conformational Changes Related to Substrate Recognition", <i>The Journal of Biological Chemistry</i> , 274(43): 30811-30817 (1999).					
<i>DS</i>	FO	Turnowsky et al., "envM genes of <i>Salmonella typhimurium</i> and <i>Escherichia coli</i> ", <i>Journal of Bacteriology</i> , Dec. 1989 pp. 6555-6565.					
<i>DS</i>	FP	Ward et al., "Kinetic and Structural Characteristics of the Inhibition of Enoyl (Acyl Carrier Protein) Reductase by Triclosan", <i>Biochemistry</i> , 38: 12514-12525 (1999).					

EXAMINER		DATE CONSIDERED <i>12-22-03</i>
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Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET NO. GM50056	INTERNATIONAL APPLICATION NO. PCT/US00/12104
<b>INFORMATION DISCLOSURE STATEMENT</b> <b>BY APPLICANT</b> <i>(Use several sheets if necessary)</i>		APPLICANT Walter E. DeWolf	
		INTERNATIONAL FILING DATE 04 May 2000	GROUP Unknown

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
<i>cited in</i>	<i>AA</i>	<i>JP 10-174590</i>	<i>10/30/03</i>	<i>as ref # CB</i>				
				<i>Japan</i>				
<i>cited in</i>	<i>AB</i>	<i>0 826 774 A2</i>	<i>10/30/03</i>	<i>as ref # CC</i>				
				<i>EPO</i>				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>AC</i>	<i>Berglert, et al. "Protein EnyM Is the NADH-dependent Enoyl ACP Reductase (Enb1) of Escherichia coli", The Journal of Biological Chemistry, 269(8): 5493-5496 (1994)</i>
<i>Cited in</i>	<i>105 filed 10/30/03 as ref # FA</i>
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